

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082225AR\
 Data File : FD049666.D
 Signal(s) : FID2B.ch
 Acq On : 23 Aug 2025 08:55
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: sample.E
 Quant Time: Aug 25 02:31:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 11 14:11:57 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.713	2090296	20.396 ug/ml
Spiked Amount 50.000		Recovery =	40.79%
6) S 2-Fluorobiphenyl (SURR)	8.578	1501049	20.549 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.10%
11) S ortho-Terphenyl (SURR)	11.624	2639586	20.337 ug/ml
Spiked Amount 50.000		Recovery =	40.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.505	2062607	20.378 ug/ml
2) T Naphthalene (C11.7)	6.049	2348196	20.480 ug/ml
3) T 2-Methylnaphthalene (...)	7.103	2439474	20.449 ug/ml
5) T Acenaphthylene (C15.06)	8.382	2537370	20.184 ug/ml
7) T Acenaphthene (C15.5)	8.678	2555063	20.321 ug/ml
8) T Flouorene (C16.55)	9.459	2581749	20.392 ug/ml
9) T Phenanthrene (C19.36)	10.857	2640384	20.440 ug/ml
10) T Anthracene (C19.43)	10.931	2272272	18.445 ug/ml
12) T Fluoranthene (C21.85)	12.671	2668608	20.846 ug/ml
13) T Pyrene (C20.8)	12.969	2651824	20.886 ug/ml
14) T Benzo[a]anthracene (C...	14.840	2420165	20.973 ug/ml
15) T Chrysene (C27.41)	14.883	2498221	21.337 ug/ml
16) T benzo[b]fluoranthene ...	16.391	2385243	20.972 ug/ml
17) T Bnezo[k]fluoranthene ...	16.424	2233938	20.869 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.770	2252963	20.309 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.135	2124310	20.609 ug/ml
20) T Dibenz[a,h]anthracene...	18.175	2451239	22.489 ug/ml
21) T Benzo[g,h,i]perylene ...	18.390	2237335	20.474 ug/ml

(f)=RT Delta > 1/2 Window

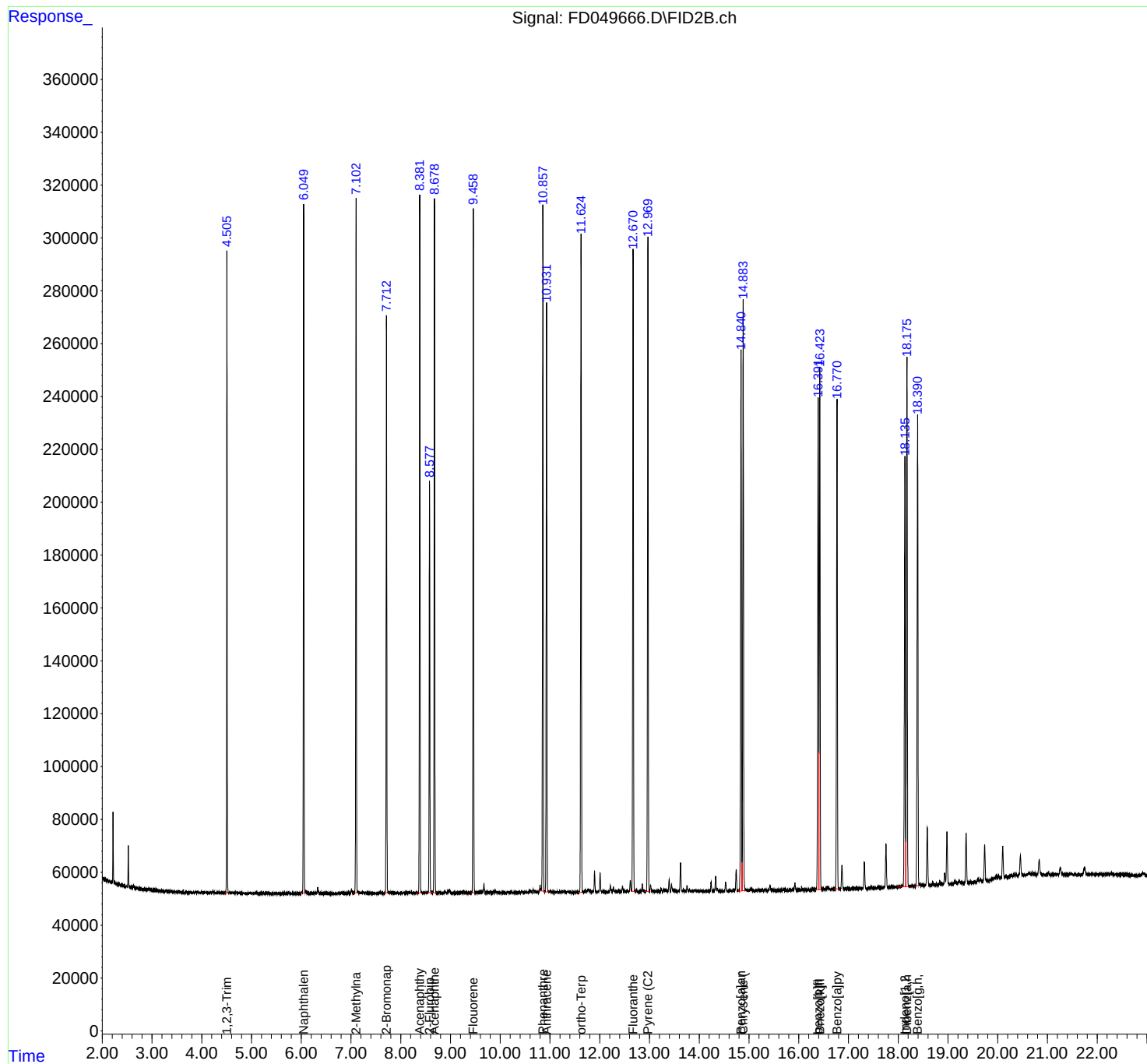
(m)=manual int.

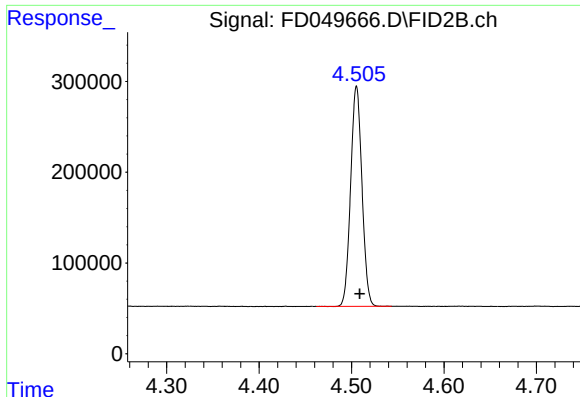
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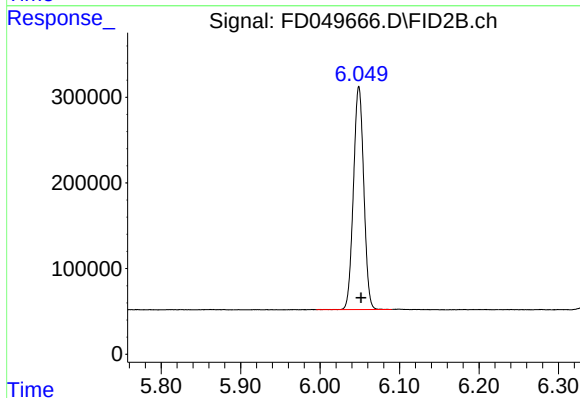




#1 1,2,3-Trimethylbenzene (C10.1)

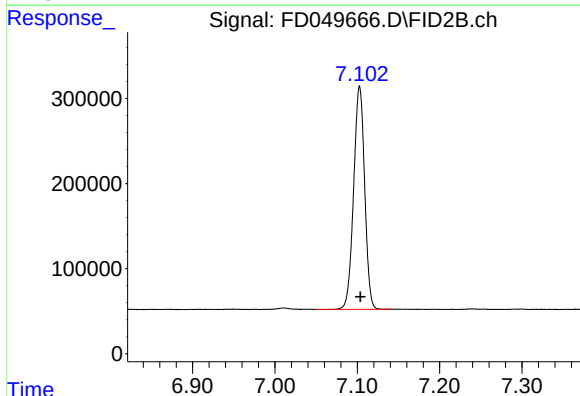
R.T.: 4.505 min
Delta R.T.: -0.004 min
Response: 2062607
Conc: 20.38 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



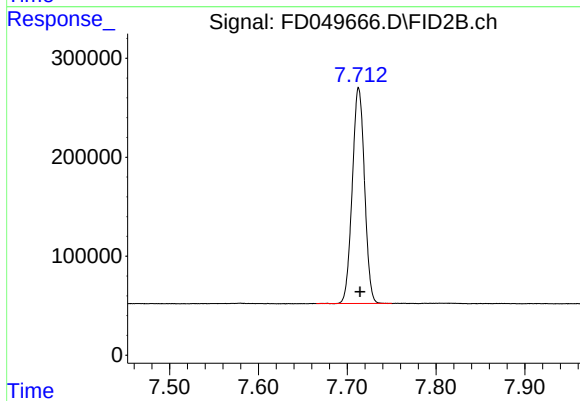
#2 Naphthalene (C11.7)

R.T.: 6.049 min
Delta R.T.: -0.003 min
Response: 2348196
Conc: 20.48 ug/ml



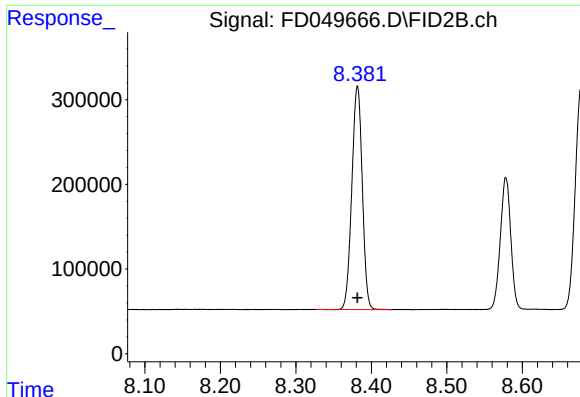
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.103 min
Delta R.T.: 0.000 min
Response: 2439474
Conc: 20.45 ug/ml



#4 2-Bromonaphthalene (SURR)

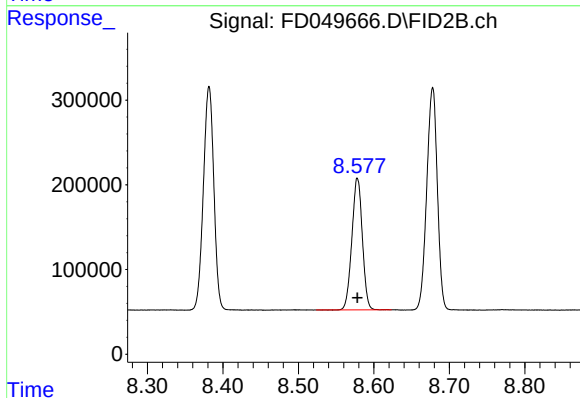
R.T.: 7.713 min
Delta R.T.: -0.001 min
Response: 2090296
Conc: 20.40 ug/ml



#5 Acenaphthylene (C15.06)

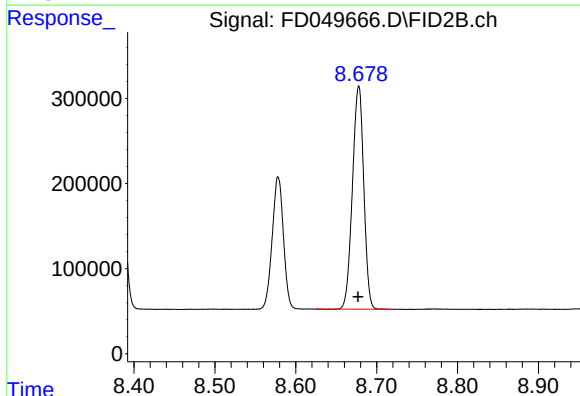
R.T.: 8.382 min
Delta R.T.: 0.000 min
Response: 2537370
Conc: 20.18 ug/ml

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20 PPM AROMATIC HC STD



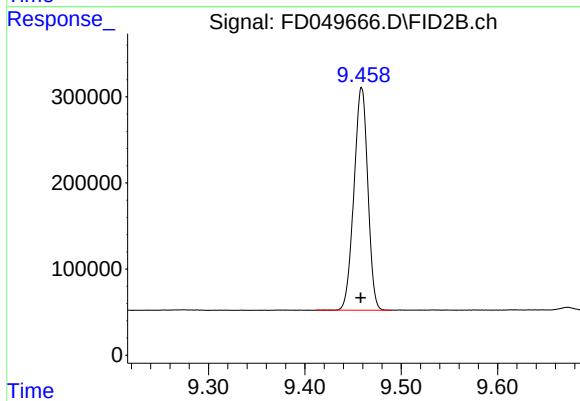
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.578 min
Delta R.T.: 0.000 min
Response: 1501049
Conc: 20.55 ug/ml



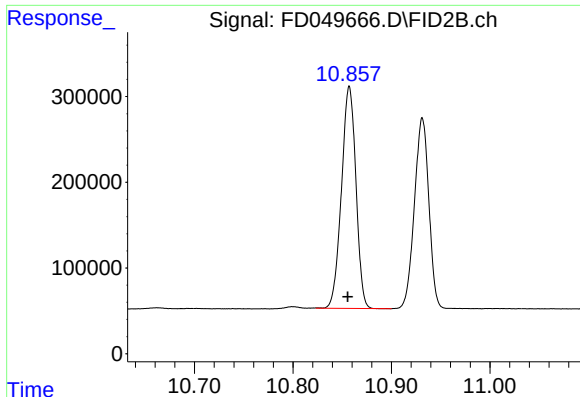
#7 Acenaphthene (C15.5)

R.T.: 8.678 min
Delta R.T.: 0.000 min
Response: 2555063
Conc: 20.32 ug/ml



#8 Flouorene (C16.55)

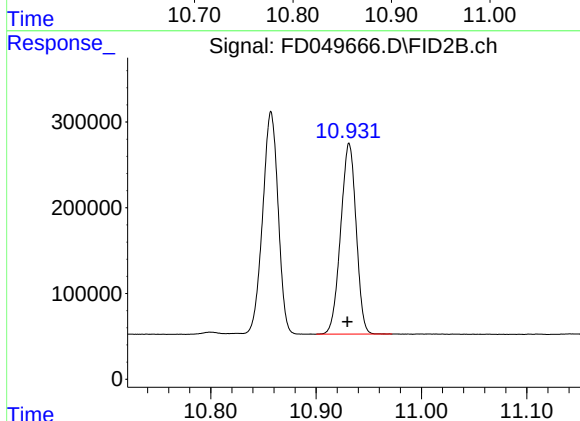
R.T.: 9.459 min
Delta R.T.: 0.000 min
Response: 2581749
Conc: 20.39 ug/ml



#9 Phenanthrene (C19.36)

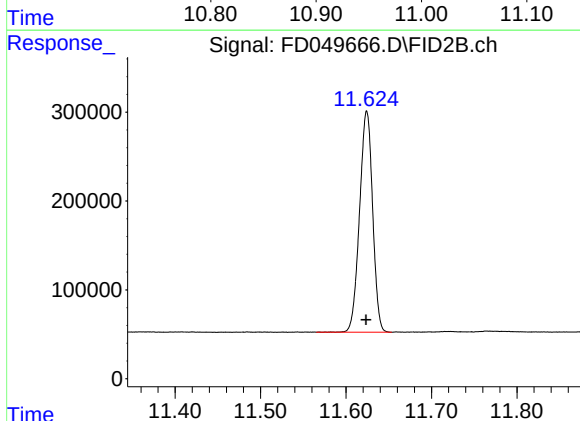
R.T.: 10.857 min
Delta R.T.: 0.002 min
Response: 2640384
Conc: 20.44 ug/ml

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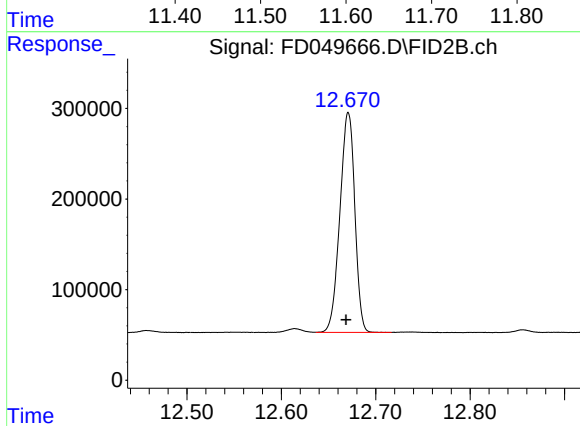
#10 Anthracene (C19.43)

R.T.: 10.931 min
Delta R.T.: 0.002 min
Response: 2272272
Conc: 18.44 ug/ml



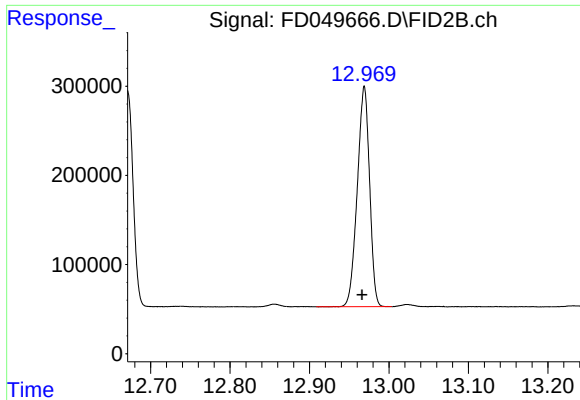
#11 ortho-Terphenyl (SURR)

R.T.: 11.624 min
Delta R.T.: 0.000 min
Response: 2639586
Conc: 20.34 ug/ml



#12 Fluoranthene (C21.85)

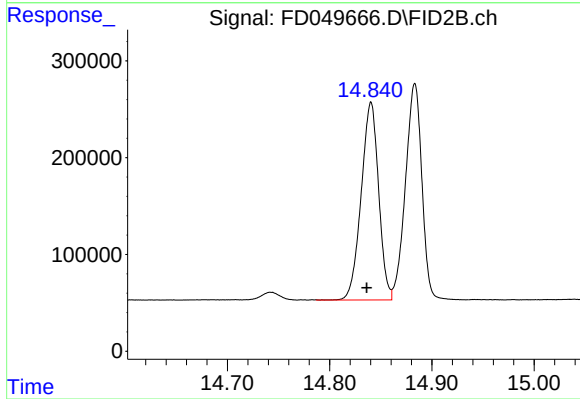
R.T.: 12.671 min
Delta R.T.: 0.002 min
Response: 2668608
Conc: 20.85 ug/ml



#13 Pyrene (C20.8)

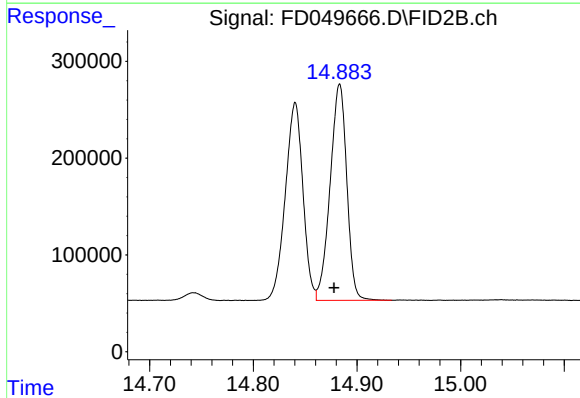
R.T.: 12.969 min
Delta R.T.: 0.003 min
Response: 2651824
Conc: 20.89 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



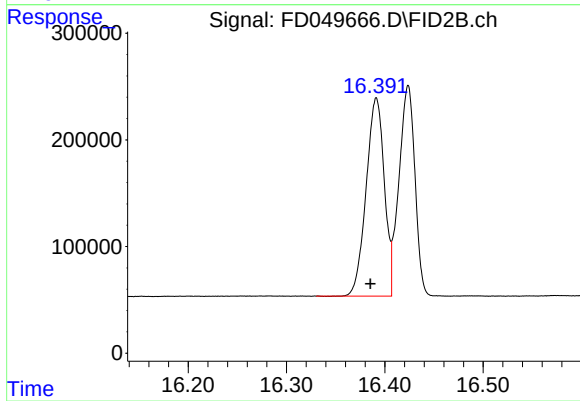
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.840 min
Delta R.T.: 0.004 min
Response: 2420165
Conc: 20.97 ug/ml



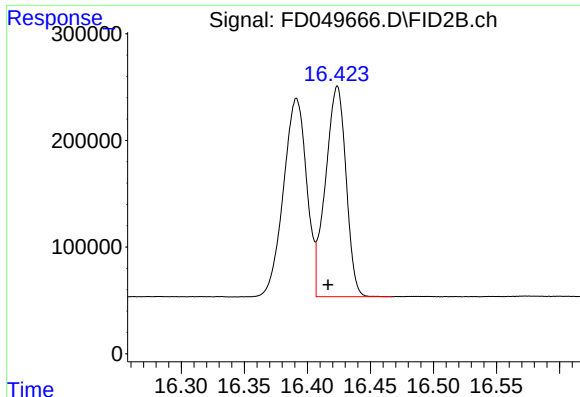
#15 Chrysene (C27.41)

R.T.: 14.883 min
Delta R.T.: 0.005 min
Response: 2498221
Conc: 21.34 ug/ml



#16 benzo[b]fluoranthene (C30.41)

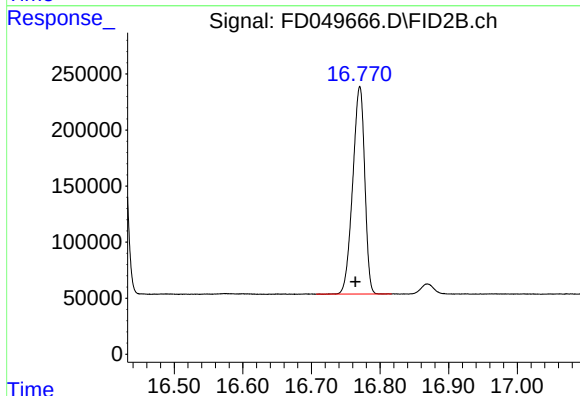
R.T.: 16.391 min
Delta R.T.: 0.006 min
Response: 2385243
Conc: 20.97 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

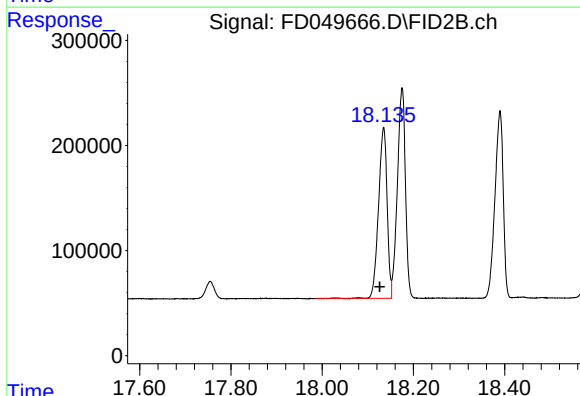
R.T.: 16.424 min
Delta R.T.: 0.007 min
Response: 2233938
Conc: 20.87 ug/ml

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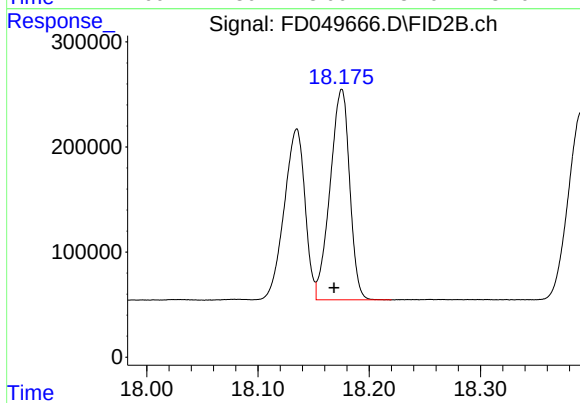
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.770 min
Delta R.T.: 0.006 min
Response: 2252963
Conc: 20.31 ug/ml



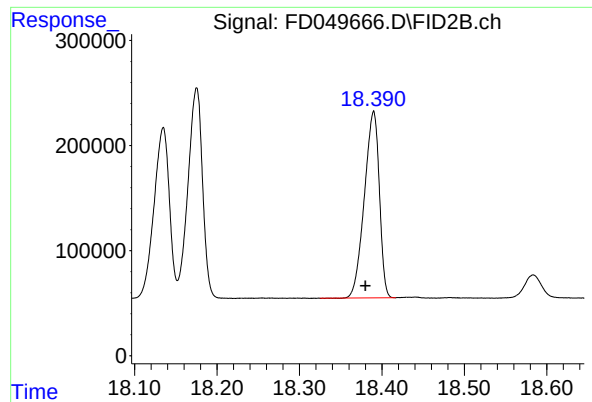
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.135 min
Delta R.T.: 0.008 min
Response: 2124310
Conc: 20.61 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.175 min
Delta R.T.: 0.007 min
Response: 2451239
Conc: 22.49 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.390 min
Delta R.T.: 0.010 min
Response: 2237335
Conc: 20.47 ug/ml

Instrument :

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ClientSampleId :

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